

Patent claim

1. Process for generating, sending and receiving of MMS-Messages, **being marked in that way, that** the process is client based realized on a data processing equipment.
2. Process following claim 1, **being marked in that way, that** the generation, composing and playing of MMS-Messages is realized offline on a data processing equipment.
3. Process following claim 1 or 2, **being marked in that way, that** only the sending and receiving of MMS-Messages is being realized online on a data processing equipment.
4. Process following at least one of the claims 1 to 3, **being marked in that way, that** the sending and receiving of MMS-Messages is realized between at least one first data processing equipment to at least an second data processing equipment.
5. Process following at least one of the claims 1 to 4, **being marked in that way, that** the sending and receiving from MMS-Messages is realized between at least one telecommunication device and at least one data processing equipment.
6. Process following at least one of the claims 1 to 5, **being marked in that way, that** the generation of MMS-Messages on an data processing equipment is covering at least one of the following process steps for at least one frame:
 - Loading and putting together of pictures as partial bitmaps in and at first empty bitmap;
 - Adding of music by creating a music file
 - Adding of text by creating a text file

- setting of playing time of the frame
 - Putting together the single frame-bitmaps to one single combined bitmap.
 - Storing this bitmap together with the soundfile and the text file in an directory;
 - Creating of an SMIL-file from the files of the directory;
 - Combining of all files in the directory to one single MMS-file;
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- 10 7. Process following claim 6, **being marked in that way, that** the loading of picture- and music files can be realized per drag & drop without intermediate storage.
- 15 8. Process following at least one of the claims 6 or 7, **being marked in that way, that** the picture and music files are available in the local storage system.
- 20 9. Process following at least one of the claims 6 or 7, **being marked in that way, that** the picture- and music files can be loaded from the internet per drag & drop directly into the program surface without intermediate storage.
- 25 10. Process following at least one of the claims 1 to 9, **being marked in that way, that** for playing of an MMS-file this will be taken apart, creating a SMIL-file and for each frame at least one file of the class picture, music or text.
11. Process following at least one of the claims 1 to 10, **being marked in that way, that** for playing of an MMS-Message the created picture- and text files will be played corresponding with the playing time set and together with the sound file played.

12. Process following at least one of the claims 1 to 11, **being marked in that way,**
that the sending of MMS-Messages combining the following steps:

- Creation of an Mail from type "multipart/related" form the MMS file by
utilizing a coding process; and
- Sending of the Mail by using interfaces and the SMTP-Protocol to an
Mail server.

13. Process following at least one of the claims 1 to 12, **being marked in that way,**
that for receiving interfaces and a E-Mail-Protocol are being utilized, in that way
that after decoding a MMS-file will be created by taking the receive Mail.

14. Process following at least one of the claims 1 to 13, **being marked in that way,**
that the interfaces for sending and receiving are TCP/IP sockets.

15. Process following at least one of the claims 1 to 13, **being marked in that way,**
that the coding method for sending and receiving of MMS-Messages is realised
through base64.

16. Process following claims 13, **being marked in that way, that** the E-Mail Protocol
for receiving is realized through POP-3 Protocol.

17. Process following at least one of the claims 1 to 16, **being marked in that way,**
that the process covers the following functions: The administration of archives
"INBOX" and "OUTBOX", the administration of an account with account
information and registration information under "INFO" and "OPTIONS", the
administration of the account of money/credits under "DEPOT", the receiving of
MMS under "RECEIVE", the sending of MMS under "SEND", the playing of MMS
with "PLAY", the putting together and configuring of new MMS, in that way, that
overlaying, moving and scaling of pictures, the editing of pictures and frames is
possible as well as bibliotheca of MMS-composing-elements consisting out of

text-, sound- and graphical templates for creating of MMS-Messages can be included, the putting together of sequences with simple time setting, the putting together of picture/sound/text information for each frame, the creation and administration of pictures archives with converting them at the same time into the necessary MMS format "IMAGES", the generation and administration of sound archives with converting them at the same time into the necessary MMS format "SOUND", the generation and administration of addresses "ADDRESS" , the administration of program surfaces under "INFO" and "SKIN".

18.Process for sending of MMS-Messages from an computer, **being marked in that way, that** the sending is chargeable.

19.Process following claims 18, **being marked in that way, that** the process contains out of the following steps:

- Registration of an user in an internet site
- Sending of an password and username from the internet to the user.
- Purchase of credits though the user in the internet site for the sending

of MMS – Messages

20.Process following at least on of the claims 18 or 19, **being marked in that way, that** the value marks or Credits will be credited onto a computer and displayed accordingly.

21.Process following at least on of the claims 18 to 19, **being marked in that way, that** the Server for making the authentication of the mail-code and for reading the credit amount will be addressed.

22. Computer program that allows a data processing equipment after being loaded into the memory of the data processing equipment, to realize a process for generating, sending and receiving of MMS Messages following at least one of the claims 1 to 21 stated steps.

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23. Process, which contains the steps of downloading a computer program according to the claim 22 by using electronic data-infrastructure, such as the internet onto a data processing equipment.

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24. A computer readable storage media, which is suited to be read by a reading device connected to the data processing equipment, characterised by containing a stored program, which is suited to be loaded into the processing memory of a data processing equipment to implement the process following one of the claims 1 to 21.

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